

Mad Science Preschool Workshops

Exciting hands-on exploration in your classroom!



Physical Science Workshops

Energy & Motion – Children explore the concept of energy and how energy gets things moving in this workshop that uses toys to help explain simple energy ideas. They will take home toys called “Boinks” that will help them remember how energy and motion are related.

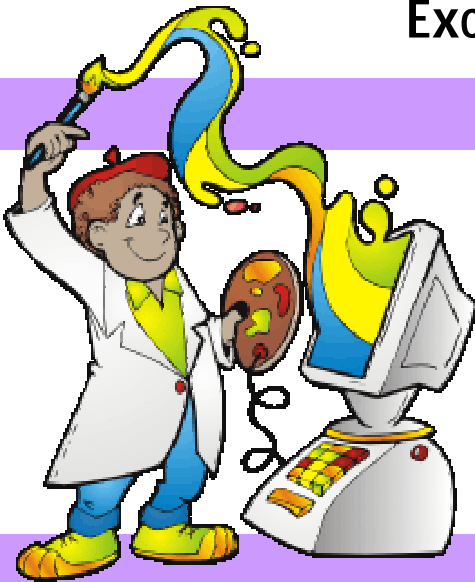
Water Works - Water is more complicated than it looks and through this exciting workshop children will learn all about the different properties of water. They will experiment with floating, sinking, absorption and so much more.

Color Lab - Make a new friend while learning about the colors of the rainbow and will experiment with their creative side during an activity on color mixing. Demonstrations will be conducted to introduce students to the primary colors as well as color mixing.

Magnetic Attraction - Experience the poles and power of magnets in this hands on workshop that even provides children with the opportunity to make their own magnet to take home.

Listen Closely - Children will also have the opportunity to learn about the everyday materials that make a variety of special effects noises in the movies and will watch, and hear, a bee buzz above their heads.

Mad Mixtures - Volcanoes and more simple chemistry fun, and make your own modeling dough to take home.



Earth Science Workshops

Weather Wonders - Through this interactive class, preschoolers will help create a cloud in a bottle and will make it rain inside. They will also learn all about the water cycle and weather patterns and will design their very own windsock to take home.

Adventures in Air - Preschoolers will learn that even though air is invisible it is all around them all the time. They will also learn that air has the power to both move items and to slow them down. They will also experiment with a variety of items that rely on the air to help them move.

Digging for Dinosaurs - Dinosaurs are always a huge hit with children, especially preschoolers. They will be introduced to the differences between meat eating and plant eating animals and will have the opportunity to look at some dinosaur teeth up close. They will also work as paleontologists by participating in a mini dinosaur dig that will engage their attention as well as their scientific skills.

Sea, Sand & Surf – Children will explore the science of the sea when they learn about what sand is made from, how shells are used by animals for protection and what animals live in the ocean. They will make their own ocean bottle to take home.

Science of Music - Boom, tap, smack, cha-cha-cha, listen to the sounds and rhythm of the science of music. Children will feel, hear and see the vibrations that help create music in this hands-on exploration.

Space Frontiers - Take your class on a trip through the solar system and sign them up for the Mad Science Astronaut in training program where they will learn all about the elements of space. Students will even get to take their very own mini rocket home!

Life Science Workshops

Healthy Choices – Preschoolers will be introduced to basic nutrition in this hands-on workshop. They will discover what makes a healthy meal and why they need to keep eating fruits and vegetables to grow strong!

Fluttering Birds – They will discover how to match bird mates, see what eggs are produced by which species; learn how a bird's beak is a tool and how to identify different bird's songs. Preschoolers will take home bird warblers to practice their bird songs at home.

Wiggly World of Worms - This workshop will provide preschoolers with an opportunity to get their hands dirty while learning all about worms. They will work with magnifying glasses to get an up close look at the lives and habits of worms.

Butterflies – Preschoolers discover all about butterflies – where they come from, stages of their growth, how they eat and even make some of their own to take home during this workshop.

Animal Friends - Become an animal, identify animal sounds, and learn all about animal's babies and parents.

Human Body - Meet Mr. Bones and learn about muscles and body systems.

Eye to Eye - This workshop will introduce students to their sense of sight. They will experiment with magnifying glasses, kaleidoscopes and binoculars. The preschoolers will also interact with a variety of optical illusions to illustrate that your eyes can sometimes play tricks on you..

